INFORMATION LETTER

Not for Publication — **NATIONAL CANNERS ASSOCIATION** — For Members Only

No. 1284 | Washington, D. C. | May 6, 1950

Board and Dedication Schedule of Events

To assist members in their planning of trips to Washington to attend the Board, Council and Committee meetings or Dedication Ceremonies, or both, the following tentative schedule of principal events is published. As plans are more fully completed, additions and/or changes may be made in this schedule in future issues of the INFORMATION LETTER.

Monday, June 5

1:30 p.m.—Joint meeting of Scientific Research and Washington Laboratory Committees, 2nd Floor Conference Room, New Building

6:30 p.m.—Buildings Committee, Main Conference Room, New Building (location to be announced)

Tuesday, June 6

9:30 a.m.—Budget Committee, Secretary's Office, New Building

10 a.m.—Washington Laboratory Committee, 2nd Floor Conference Room, New Building

11 a.m.—Administrative Council, Main Conference Room, New Building

2 p.m.—Procurement Committee, Library, New Building

6:30 p.m.—Labeling Committee (location to be announced)

7 p.m.—Association of Canners State and Regional Secretaries, Dinner Meeting, Pan-American Room, Mayflower Hotel

Wednesday, June 7

9:30 a.m.—Board of Directors, Main Conference Room, New Building

12:30 p.m.—Board Luncheon (includes Administrative Council, Committee members and State Secretaries), Blue Room, Shoreham Hotel

2 p.m.—Board of Directors (afternoon session)—Blue Room, Shoreham Hotel

5 p.m.—Cocktail Party, home of Secretary and Mrs. Carlos Campbell, 1607 S. Arlington Ridge Road, Arlington, Va.

Thursday, June 8

All Day—New Building open for inspection by visitors

10 a.m.—Ceremonies at New Building where keys are turned over to President Henry P. Taylor by Buildings Committee Chairman

11 a.m.—Unveiling of oil portrait, Frank E. Gorrell, with remarks by Frank M. Shook, representing the donors, the Association of Canners State and Regional Associations

12:30 p.m.—Dedication Luncheon, Ballroom, Mayflower Hotel. Master of ceremonies—John F. McGovern; speakers: Dr. C. G. King, Scientific Director, Nutrition Foundation, and Albert Kennedy "Rosey" Rowswell, lecturer and broadcaster

New Building Nearing Completion; Additional Dedication Details

The Association's new research laboratory and administrative office building at 1133 20th Street, N. W., in Washington, is steadily nearing completion, and the staff is intensifying its preparations to occupy the structure at an early date.

Workmen are completing interior details, such as steel and glass partitions. Although an exact moving date has not been established, it is planned to occupy the new quarters during the week of May 15.

Further details have been completed for the Dedication Ceremonies on Thursday, June 8. Past President John F. McGovern has accepted the invitation of President Henry P. Taylor to act as master of ceremonies at the Dedication Luncheon program. Mr. McGovern is recuperating from the illness that prevented his attendance at the Annual Convention and has written that he will make the introductions.

As has been stated, the new building will be open for inspection by visitors during office hours on June 8. The first dedication ceremony will take place in the area directly in front of the main entrance. At this ceremony, H. J. Humphrey, Chairman of the Eastern Building Subcommittee, will hand the keys of the new build-

(Please turn to page 166)

President Taylor Appoints 1950 N.C.A. Committees

President Henry P. Taylor this week announced the membership of 21 Association committees to serve during 1950.

Of the total, 16 are standing committees and 5 special committees. The complete list of committee personnel, with the chairman indicated in each case, along with the names of Association officers, Board of Directors, and Administrative Council, is published on the next five pages of this issue.

In addition to these committees, subcommittees are named by committee chairmen to carry out specific duties when the occasion arises.

Hotel Room Assignments Being Made for Board Meeting

Requests for room reservations during the Board meeting will be acknowledged shortly and assignments will be made as nearly as possible in accordance with space requested.

As previously announced, the Association has space only at the Mayflower, Shoreham, and Roger Smith Hotels. In cases where the Association has been requested to obtain rooms at hotels other than these three, a second letter to the N.C.A. indicating preference in available space would be appreciated.

OFFICERS

President—Henry P. Taylor, Taylor & Caldwell, Inc., Walkerton, Va.

Vice President—H. J. Barnes, Kaysville Canning Corp., Kaysville, Utah

Secretary—Carlos Campbell, Washington, D. C.

Treasurer—Frank E. Gorrell, Washington, D. C.

BOARD OF DIRECTORS

(Representing states and commodities)

Arkansas, Missouri and Oklahoma

Joseph M. Steele, Steele Canning Co., Springdale, Ark.

California

Milton E. Brooding, California Packing Corp., San Francisco, Calif.

E. J. Draper, Treesweet Products Co., Santa Ana, Calif.

William H. Foster, Stokely-Van Camp, Inc., Oakland, Calif.

Orlin C. Harter, Harter Packing Co., Yuba City, Calif.

Dale Hollenbeck, Thornton Canning Co., Thornton, Calif.

John A. Owen, Pratt-Low Preserving Co., Santa Clara, Calif.

Norman L. Waggoner, Santa Clara Packing Co., San Jose, Calif.

Colorado

William C. Kunzman, Kuner-Empson Co., Brighton, Colo.

Delaware

Harry Draper, Draper Canning Co., Milton, Del.

Florida

T. Donovan, Florida Fruit Canners, Div. of L. Maxcy, Inc., Frostproof, Fla.

W. W. Giddings, Snively Groves, Inc., Winter Haven, Fla.

C. Howard Sweatt, Besco Products Co., Orlando, Fla.

Georgia

Paul H. Ploeger, The Ploeger-Abbott Co., Darien, Ga.

Hawaii

Henry McK. Haserot, Hawaiian Canneries Co., Ltd., Kauai, T. H.

John W. Speyer, Kauai Pineapple Co., Ltd., Kauai, T. H.

E. B. Woodworth, Hawaiian Pineapple Co., Ltd., San Francisco, Calif.

Idaho, Montana and Wyoming

Fred M. Moss, Idaho Canning Co., Payette, Idaho

Illinois

William R. Benner, Streator Canning Co., Streator, Ill.

J. E. Countryman, California Packing Corp., Rochelle, Ill.

E. E. Willkie, Libby, McNeill & Libby, Chicago, Ill.

Indiana

R. W. Jones, R. W. Jones Canning Co., Inc., Arlington, Ind.

Ernest E. Killion, Jr., Vincennes Packing Corp., Vincennes, Ind.

Maxwell N. Naas, Naas Corp. of Indiana, Portland, Ind.

Iowa and Nebraska

Floyd Asher, Clarksville Canning Co., Clarksville, Iowa

E. H. Bernhardt, Norfolk Packing Co., Plattsmouth, Nebr.

Keith More, Merrell Canning Co., Inc., Harlan, Iowa

Kentucky and Tennessee

S. R. Clevenger, Bush Brothers & Co., Dandridge, Tenn.

Maine

Frederic H. Bird, Medomak Canning Co., Rockland, Me.

Clinton W. Davis, Jr., Portland Packing Co., Portland, Me.

J. Hollis Wyman, Jasper Wyman & Son, Millbridge, Me.

Maryland

R. D. Cleaveland, The H. J. McGrath Co., Baltimore, Md.

Albanus Phillips, Jr, Phillips Packing Co., Inc., Cambridge, Md.

James M. Shriver, The B. F. Shriver Co, Westminster, Md.

Massachusetts

Gordon Mann, National Cranberry Assn., Hanson, Mass.

John F. O'Hara, Davis Bros. Fisheries Co., Inc., Gloucester, Mass.

Michigan

A. Edward Brown, Michigan Fruit Canners, Inc., Benton Harbor, Mich.

Ernest M. Weisner, Gerber Products Co., Fremont, Mich.

Minnesota

G. C. Scott, Minnesota Valley Canning Co., Le Sueur, Minn.

Robert Wilson, Faribault Canning Co., Faribault, Minn.

New Jersey

Alfred H. Funke, P. J. Ritter Co., Bridgeton, N. J.

New York

H. E. Apple, Jr., Birds Eye-Snider Div., General Foods Corp., Rochester, N. Y.

E. E. Burns, Alton Canning Co., Alton, N. Y.

G. E. Finch, Edgett-Burnham Co., Newark, N. Y.

Ohio

N. C. Buckles, Quality Food Products Co., Bradford, Ohio

Russell B. Kline, Stokely-Van Camp, Inc., Celina, Ohio

O. L. Teagarden, The J. Weller Co., Oak Harbor, Ohio

Oregon

E. I. Pitkin, Eugene Fruit Growers Assn., Eugene, Ore.

Arthur L. Reiling, Birds Eye-Snider Div., General Foods Corp., Hillsboro, Ore.

Pennsylvania

W. Howard Green, Concord Foods, Inc., Concordville, Pa.

F. C. Heinz, H. J. Heinz Co., Pittsburgh, Pa.

Robert D. Schenkel, Greencastle Packing Co., Inc., Greencastle, Pa.

Stran Summers, Charles G. Summers, Jr., Inc., New Freedom, Pa.

Texas

E. C. Christensen, Christensen Products Corp., Weslaco, Texas

Utah

E. R. Blackinton, Blackinton & Son Canning Co., Ogden, Utah

Earl A. Randall, North Ogden Canning Co., Ogden, Utah

Ronald Wadsworth, California Packing Corp., Ogden, Utah

Virginia

Gordon Bowman, Bowman Apple Products Co., Inc., Mt. Jackson, Va.

A. T. Leatherbury, Eastern Shore Canning Co., Inc., Machipongo, Va.

T. C. Slaughter, T. C. Slaughter Co., Reedville, Va.

Washington

F. Lowden Jones, Walla Walla Canning Co., Walla Walla, Wash.

L. M. Jones, Washington Canners Coop., Vancouver, Wash.

Wisconsin

Carleton A. Friday, Friday Canning Corp., New Richmond, Wis.

Harold J. McCarty, Brownsville Canning Co., Brownsville, Wis.

R. H. Winters, The Larsen Co., Green Bay, Wis.

Representing Fish Canners

Herbert C. Davis, Terminal Island Sea Foods, Ltd., Terminal Island, Calif.

S. A. Ferrante, Oxnard Canners, Inc., Monterey, Calif.

Julian McPhillips, Southern Shell Fish Co., Harvey, La.

C. L. Rogers, Point Adams Packing Co., Hammond, Ore.

Lester Wass, Machiasport Canning Co., Eastport, Me.

Arthur W. Wittig, Port Ashton Packing Corp., Seattle, Wash.

Representing Meat Canners

Russell M. Smith, Wilson & Co., Inc., Chicago, Ill.

ADMINISTRATIVE COUNCIL

Marc C. Hutchinson, *Chairman*, Michigan Fruit Canners, Inc., Fennville, Mich.

Harold K. Bachelder, Ladoga Canning Co., Indianapolis, Ind.

H. J. Barnes, Kaysville Canning Corp., Kaysville, Utah

John L. Baxter, H. C. Baxter & Bro., Brunswick, Me.

Milton E. Brooding, California Packing Corp., San Francisco, Calif.

E. B. Cosgrove, Minnesota Valley Canning Co., Le Sueur, Minn.

Howard T. Cumming, Curtice Brothers Co., Rochester, N. Y.

S. B. Cutright, Illinois Canning Co., Hoopeston, Ill.

Clinton W. Davis, Portland Packing Co., Portland, Me.

Ralph O. Dulany, John H. Dulany & Son., Inc., Fruitland, Md.

A. T. Flynn, Reid Murdoch & Co., Chicago, Ill.

William A. Free, Hungerford Packing Co., Hungerford, Pa.

Frank Gerber, Gerber Products Co., Fremont, Mich.

Walter L. Graefe, Pomona Products Co., Griffin, Ga.

Herbert E. Gray, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

Francis A. Harding, Wm. Underwood Co., Watertown, Mass.

Henry McK. Haserot, Hawaiian Canneries Co., Ltd., Kauai, T. H.

G. Sherwin Haxton, Haxton Foods, Inc., Oakfield, N. Y.

Harold J. Humphrey, Birds Eye-Snider Div., General Foods Corp., New York, N. Y.

Adolph C. Ketzler, Bordo Products Co., Chicago, Ill.

Herbert F. Krimendahl, Stokely-Van Camp, Inc., Indianapolis, Ind.

Carroll E. Lindsey, Lakeland Highlands Canning Co., Highlands City, Fla.

Carl N. Lovegren, United States Products Corp., Ltd., San Jose, Calif.

R. G. Lucks, California Packing Corp., San Francisco, Calif.

H. E. MacConaughey, Hawaiian Pineapple Co., Ltd., San Francisco, Calif.

John F. McGovern, Minnesota Valley Canning Co., Le Sueur, Minn.

Fred M. Moss, Idaho Canning Co., Payette, Idaho

Art Oppenheimer, Marshall Canning Co., Marshalltown, Iowa

Robert C. Paulus, Paulus Bros. Packing Co., Salem, Ore.

E. N. Richmond, Richmond-Chase Co., San Jose, Calif.

H. N. Riley, H. J. Heinz Co., Pittsburgh, Pa.

Emil Rutz, Schuckl & Co., Inc., Sunnyvale, Calif.

James M. Shriver, The B. F. Shriver Co., Westminster, Md.

R. L. Smith, Kuner-Empson Co., Brighton, Colo.

Henry P. Taylor, Taylor & Caldwell Inc., Walkerton, Va.

J. B. Weix, Oconomowoc Canning Co., Oconomowoc, Wis.

Oliver G. Willits, Campbell Soup Co., Camden, N. J.

E. E. Willkie, Libby, McNeill & Libby, Chicago, Ill.

Paul H. Wolf, Roach-Indiana Corp., Gwynneville, Ind.

STANDING COMMITTEES

Adjustment

New England States

T. S. Bird, *Chairman*, Medomak Canning Co., Rockland, Me.

M. B. Pike, Holmes Packing Corp., Eastport, Me.

K. K. Soule, Monmouth Canning Co., Portland, Me.

Illinois, Iowa, Nebraska and Ozark Territory

Morton Steinhart, *Chairman*, Otoe Food Products Co., Nebraska City, Nebr.

S. G. Chamberlain, Chamberlain Canning Co., Anderson, Mo.

Ohio, Indiana, Michigan, Tennessee and Kentucky

W. W. Wilder, *Chairman*, Clyde Kraut Co., Clyde, Ohio

Maxwell N. Naas, The Naas Corp. of Indiana, Portland, Ind.

John J. Porter, East Jordan Canning Co., East Jordan, Mich.

Maryland, New Jersey, Delaware, Pennsylvania and Virginia

Stran Summers, *Chairman*, Charles G. Summers, Jr., Inc., New Freedom, Pa.

William H. Ritter, Jr., P. J. Ritter Co., Bridgeton, N. J.

New York

R. W. Comstock, *Chairman*, Comstock Canning Corp., Newark, N. Y.

W. E. Halstead, Halstead Canning Co., Inc., Cortland, N. Y.

F. L. Shannon, W. N. Clark Co., Rochester, N. Y.

Wisconsin, Minnesota, North and South Dakota

Henry M. Seippel, *Chairman*, Central Wisconsin Div., Minnesota Valley Canning Co., Beaver Dam, Wis.

John L. Albright, Stokely-Van Camp, Inc., Columbus, Wis.

G. A. Borg, Northland Canning Co., Cokato, Minn.

Utah, Montana, Colorado and Idaho

Joseph F. Barker, *Chairman*, Utah Canning Co., Ogden, Utah

Reynold H. Peterson, Big Horn Canning Co., Cowley, Wyo.

Wesley Jense, Pleasant Grove Canning Co., Pleasant Grove, Utah

Southern States

J. S. Cafiero, *Chairman*, L. P. Maggioni & Co., Savannah, Ga.

Adolph C. Ketzler, Bordo Products Co., Winter Haven, Fla.

Texas

William F. Gohlke, Walker's Austex Chili Co., Austin, Texas

Claims

Paul Fishback, *Chairman*, Stokely-Van Camp, Inc., Indianapolis, Ind.

John L. Baxter, Jr., H. C. Baxter & Bro., Hartland, Me.

W. R. Eddington, Eddington Canning Co., Springville, Utah

A. E. Coddington, Coddington Packing Co., Inc., Indianapolis, Ind.

Elton S. Shaw, Sunny Slope Farm, San Jose, Calif.

Ryland Thomas, Thomas & Drake Canning Co., Haskell, Okla.

Executive

Milton E. Brooding, California Packing Corp., San Francisco, Calif.

Henry McK. Haserot, Hawaiian Canneries Co., Ltd., Kauai, T. H.

Fred M. Moss, Idaho Canning Co., Payette, Idaho

James M. Shriver, The B. F. Shriver Co., Westminster, Md.

E. E. Willkie, Libby, McNeill & Libby, Chicago, Ill.

Finance

John F. McGovern, *Chairman*, Minnesota Valley Canning Co., Le Sueur, Minn.

Harold K. Bachelder, Ladoga Canning Co., Indianapolis, Ind.

H. J. Barnes, Kaysville Canning Corp., Kaysville, Utah

John L. Baxter, H. C. Baxter & Bro., Brunswick, Me.

E. B. Cosgrove, Minnesota Valley Canning Co., Le Sueur, Minn.

Howard T. Cumming, Curtice Brothers Co., Rochester, N. Y.

S. B. Cutright, Illinois Canning Co., Hoopeston, Ill.

Clinton W. Davis, Portland Packing Co., Portland, Me.

Ralph O. Dulany, John H. Dulany & Son, Inc., Fruitland, Md.

A. T. Flynn, Reid Murdoch Co., Chicago, Ill.

William A. Free, Hungerford Packing Co., Hungerford, Pa.

Frank Gerber, Gerber Products Co., Fremont, Mich.

Walter L. Graefe, Pomona Products Co., Griffin, Ga.

Herbert E. Gray, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

Francis A. Harding, Wm. Underwood Co., Watertown, Mass.

G. Sherwin Haxton, Haxton Foods, Inc., Oakfield, N. Y.

Harold J. Humphrey, Birds Eye-Snider Div., General Foods Corp., New York, N. Y.

Marc C. Hutchinson, Michigan Fruit Canners, Inc., Fennville, Mich.

Adolph C. Ketzler, Bordo Products Co., Chicago, Ill.

Herbert F. Krimendahl, Stokely-Van Camp, Inc., Indianapolis, Ind.

Carroll E. Lindsey, Lakeland Highlands Canning Co., Highlands City, Fla.

Carl N. Lovegren, United States Products Corp., Ltd., San Jose, Calif.

R. G. Lucks, California Packing Corp., San Francisco, Calif.

H. E. MacConaughey, Hawaiian Pineapple Co., Ltd., San Francisco, Calif.

Art Oppenheimer, Marshall Canning Co., Marshalltown, Ia.

Robert C. Paulus, Paulus Bros. Packing Co., Salem, Ore.

E. N. Richmond, Richmond-Chase Co., San Jose, Calif.

H. N. Riley, H. J. Heinz Co., Pittsburgh, Pa.

Emil Rutz, Schuckl & Co., Inc., Sunnyvale, Calif.

R. L. Smith, Kuner-Empson Co., Brighton, Colo.

Henry P. Taylor, Taylor & Caldwell, Inc., Walkerton, Va.

J. B. Weix, Oconomowoc Canning Co., Oconomowoc, Wis.

Oliver G. Willits, Campbell Soup Co., Camden, N. J.

E. E. Willkie, Libby, McNeill & Libby, Chicago, Ill.

Paul H. Wolf, Roach-Indiana Corp., Gwynneville, Ind.

Fishery Products

D. P. Loker, *Chairman*, French Sardine Co., Inc., Terminal Island, Calif.

W. Wade Ambrose, Westgate-Sun Harbor Company, San Diego, Calif.

E. M. Brennan, P. E. Harris & Co., Seattle, Wash.

Milton G. Brown, Ellamar Packing Co., Inc., Seattle, Wash.

H. B. Friele, Nakat Packing Corp., Seattle, Wash.

T. B. Holcombe, Indian Ridge Canning Co., Inc., Houma, La.

Phelps Hollywood, The Atlantic Coast Fisheries Co., San Francisco, Calif.

Arthur H. Mendonca, F. E. Booth Co., Inc., San Francisco, Calif.

D. T. Saxby, California Packing Corp., San Francisco, Calif.

Anton Sorensen, Union Fishermen's Cooperative Packing Co., Astoria, Ore.

Milroy Warren, R. J. Peacock Canning Co., Lubec, Me.

Home Economics

Kenneth F. Boucher, *Chairman*, Hawaiian Pineapple Co., Ltd., San Francisco, Calif.

E. R. Elwell, Burnham & Morrill Co., Portland, Me.

Paul M. Jacobs, North Atlantic Packing Co., Boston, Mass.

Fred M. Moss, Idaho Canning Co., Payette, Idaho

Harold F. Patterson, Lyndonville Canning Co., Lyndonville, N. Y.

Ray N. Peterson, Stokely-Van Camp, Inc., Indianapolis, Ind.

Wilmot P. Rogers, California Packing Corp., San Francisco, Calif.

C. Howard Sweatt, Besco Products Co., Orlando, Fla.

J. B. Weix, Oconomowoc Canning Co., Oconomowoc, Wis.

E. E. Willkie. Libby, McNeill & Libby, Chicago, Ill.

Labeling

John L. Baxter, H. C. Baxter & Bro., Brunswick, Me.

E. B. Cosgrove, Minnesota Valley Canning Co., Le Sueur, Minn.

John E. Dodds, Schuckl & Co., Inc., Sunnyvale, Calif.

Frank Gerber, Gerber Products Co., Fremont, Mich.

Ivan Moorhouse, Olympia Canning Co., Olympia, Wash.

Wilmot P. Rogers, California Packing Corp., San Francisco, Calif.

Stran Summers, Charles G. Summers, Jr., Inc., New Freedom, Pa.

A. O. Verbeke, Libby, McNeill & Libby, Chicago, Ill.

Legislative

Carroll E. Lindsey, *Chairman*, Lakeland Highlands Canning Co., Highlands City, Fla.

Harold K. Bachelder, Ladoga Canning Co., Indianapolis, Ind.

Luke F. Beckman, The Beckman & Gast Co., St. Henry, Ohio

Milton E. Brooding, California Packing Corp., San Francisco, Calif.

A. Edward Brown, Michigan Fruit Canners, Inc., Benton Harbor, Mich.

S. R. Clevenger, Bush Bros. & Co., Dandridge, Tenn.

Howard T. Cumming, Curtice Brothers Co., Rochester, N. Y.

Berkeley A. Davis, Rogers Canning Co., Milton, Ore.

Walter L. Graefe, Pomona Products Co., Griffin, Ga.

Herbert E. Gray, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

F. C. Heinz, H. J. Heinz Co., Pittsburgh, Pa.

T. B. Holcombe, Indian Ridge Canning Co., Inc., Houma, La.

Grover Howard, Baron Canning Co., Westville, Okla.

D. P. Loker, French Sardine Co., Inc., Terminal Island, Calif.

Julian McPhillips, Southern Shell Fish Co., Inc., Harvey, La.

O. L. Maxey, Seabrook Farms Co., Bridgeton, N. J.

L. E. Neel, Turlock Cooperative Growers, Modesto, Calif.

T. F. Sandoz, Columbia River Packers Assn., Astoria, Ore.

James M. Shriver, The B. F. Shriver Co., Westminster, Md.

Joseph M. Steele, Steele Canning Co., Springdale, Ark.

W. B. Stokely, Jr., Stokely-Van Camp, Inc., Indianapolis, Ind.

H. L. Wedertz, Lakeside Packing Co., Manitowoc, Wis.

Henry A. White, Hawaiian Pineapple Co., Ltd., San Francisco, Calif.

Oliver G. Willits, Campbell Soup Co., Camden, N. J.

Public Relations

Alfred J. Stokely, *Chairman*, Stokely-Van Camp, Inc., Indianapolis, Ind.

Edward H. Dunlap, Plymouth Canning Co., Plymouth, Ind.

W. W. Giddings, Snively Groves, Inc., Winter Haven, Fla.

J. P. King, Birds Eye-Snider Div., General Foods Corp., Rochester, N. Y.

Robert C. Paulus, Paulus Bros. Packing Co., Salem, Ore.

J. B. Weix, Oconomowoc Canning Co., Oconomowoc, Wis.

D. B. Wood, Wood Canning Co., Stockton, Calif.

Raw Products

J. D. Barnard, *Chairman*, Minnesota Valley Canning Co., Le Sueur, Minn.

L. S. Argall, California Packing Corp., San Francisco, Calif.

G. W. Beach, Libby, McNeill & Libby, Blue Island, Ill.

W. E. Beach, McKeon Canning Co., Burbank, Calif.

E. E. Burns, Alton Canning Co., Alton, N. Y.

Ben F. Counter, Fort Lupton Canning Co., Fort Lupton, Colo.

Ralph O. Dulany, John H. Dulany & Son, Inc., Fruitland, Md.

J. Frank Gimlin, Woods Cross Canning Co., Clearfield, Utah.

Adolph C. Ketzler, Bordo Products Co., Chicago, Ill.

J. P. King, Birds Eye-Snider Div., General Foods Corp., Rochester, N. Y.

R. B. Kline, Stokely-Van Camp, Inc., Celina, Ohio

E. W. Montell, Campbell Soup Co., Camden, N. J.

Robert C. Paulus, Paulus Bros. Packing Co., Salem, Ore.

M. D. Reeder, H. J. Heinz Co., Pittsburgh, Pa.

R. H. Winters, The Larsen Co., Green Bay, Wis.

Fred S. Wyatt, Gerber Products Co., Oakland, Calif.

Technical Advisory Committee

D. R. Montgomery, *Chairman*, Fairmont Canning Co., Fairmont, Minn.

A. LeRoy Anderson, Central Wisconsin Canneries Div., Minnesota Valley Canning Co., Beaver Dam, Wis.

C. J. Blaska, Oconomowoc Canning Co., Oconomowoc, Wis.

H. A. Hunter, Thomas & Co., Frederick, Md.

J. O. Young, Libby, McNeill & Libby, Chicago, Ill.

Resolutions

Chester A. Ray, *Chairman*, New Era Canning Co., New Era, Mich.

Harold K. Bachelder, Ladoga Canning Co., Indianapolis, Ind.

John R. Hinton, Blundon & Hinton, Inc., Reedville, Va.

Fred M. Moss, Idaho Canning Co., Payette, Idaho

Emil Rutz, Schuckl & Co., Inc., Sunnyvale, Calif.

Scientific Research

Ralph E. Sanborn, *Chairman*, California Packing Corp., San Francisco, Calif.

E. J. Draper, Treesweet Products Co., Santa Ana, Calif.

W. W. Giddings, Snively Groves, Inc., Winter Haven, Fla.

Herbert E. Gray, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

Harold J. Humphrey, Birds Eye-Snider Div., General Foods Corp., New York, N. Y.

J. T. Knowles, Libby, McNeill & Libby, Chicago, Ill.

C. L. Rumberger, H. J. Heinz Co., Pittsburgh, Pa.

G. C. Scott, Minnesota Valley Canning Co., Le Sueur, Minn.

P. W. Souder, Campbell Soup Co., Camden, N. J.

Research Advisory Committee

G. C. Scott, *Chairman*, Minnesota Valley Canning Co., Le Sueur, Minn.

H. J. Barnes, Kaysville Canning Corp., Kaysville, Utah

John L. Baxter, H. C. Baxter & Bro., Brunswick, Me.

R. S. Bell, Kuner-Empson Co., Brighton, Colo.

F. C. Blanck, University of Pittsburgh, Pittsburgh, Pa.

B. S. Clark, American Can Co., Maywood, Ill.

B. W. Clarke, The Crosse & Blackwell Co., Baltimore, Md.

K. G. Dykstra, Birds Eye-Snider Div., General Foods Corp., Albion, N. Y.

A. M. Erickson, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

E. E. Hill, Blue Lake Packers, Inc., Salem, Ore.

H. A. Hunter, Thomas & Co., Frederick, Md.

G. C. Kolb, Stokely-Van Camp, Inc., Indianapolis, Ind.

Sven Lassen, Van Camp Sea Food Co., Terminal Island, Calif.

Curtis E. Maier, Continental Can Co., Inc., Chicago, Ill.

H. S. Marvin, Olympic Canning Co., Olympia, Wash.

J. E. McConkie, California Packing Corp., San Francisco, Calif.

B. E. Richmond, Richmond-Chase Co., San Jose, Calif.

G. R. Schermerhorn, American Home Foods, Inc., Rochester, N. Y.

F. L. Shannon, W. N. Clark Co., Rochester, N. Y.

J. V. Vosburgh, Beech-Nut Packing Co., Canajoharie, N. Y.

R. B. Wakefield, Gerber Products Co., Fremont, Mich.

R. H. Winters, The Larsen Co., Green Bay, Wis.

Washington Laboratory Advisory Committee

H. J. Humphrey, *Chairman*, Birds Eye-Snider Div., General Foods Corp., New York, N. Y.

John L. Baxter, H. C. Baxter & Bro., Brunswick, Me.

J. T. Knowles, Libby, McNeill & Libby, Chicago, Ill.

G. C. Scott, Minnesota Valley Canning Co., Le Sueur, Minn.

J. V. Vosburgh, Beech-Nut Packing Co., Canajoharie, N. Y.

M. P. Vucassovich, Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.

Western Branch Laboratory Advisory Committee

E. J. Draper, *Chairman*, Treesweet Products Co., Santa Ana, Calif.

H. J. Barnes, Kaysville Canning Corp., Kaysville, Utah

Herbert E. Gray, Barron-Gray Packing Company Div., Hawaiian Pineapple Co., Ltd., San Jose, Calif.

W. U. Hudson, Gerber Products Co., Oakland, Calif.

A. D. Radebaugh, Blue Mountain Canneries Div., Minnesota Valley Canning Co., Dayton, Wash.

D. B. Wood, Wood Canning Co., Stockton, Calif.

Eastern Technical Committee on Baby Foods

J. T. Knowles, *Chairman*, Libby, McNeill & Libby, Chicago, Ill.

W. A. Brittin, Beech-Nut Packing Co., Canajoharie, N. Y.

D. W. Leeper, H. J. Heinz Co., Pittsburgh, Pa.

Robert H. Maher, Swift & Co., Chicago, Ill.

G. R. Schermerhorn, American Home Foods, Inc., Rochester, N. Y.

B. M. Shinn, Armour & Co., Chicago, Ill.

P. W. Souder, Campbell Soup Co., Camden, N. J.

R. B. Wakefield, Gerber Products Co., Fremont, Mich.

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Building Ceremonies

(Concluded from page 161)

ing over to W. F. Dietrich, Chairman of the over-all Buildings Committee, who in turn will present them to President Taylor.

This ceremony will be brief allowing time for further inspection of the building before the next program event occurs at 11 a. m. This is the unveiling of the oil portrait of Frank E. Gorrell, the founding Secretary of N.C.A., in the Main Conference Room of the building. President Taylor will introduce William H. Sherman, president of the Association of Canners State and Regional Secretaries, who will in turn call on Frank M. Shook as spokesman for that organization, donors of the portrait. Secretary Campbell will receive the portrait after the unveiling, on behalf of the Association.

More time will then be available for inspection of the building, but at 12:30 the cocktail party and luncheon for those who have accepted the invitation will be held in the Mayflower Hotel ballroom. Mr. Taylor will be chairman and Mr. McGovern master of ceremonies of the luncheon program. F. C. Heinz of the Eastern Building Subcommittee will express the appreciation of the Association for the contributions made by the supply people to the Buildings Fund, and response will be made by E. A. Hildreth, president of C. M. & S. A.

The program will be concluded with the dedication addresses by Dr. C. G. King, Director of the National Nutrition Foundation and by Albert Kennedy "Rosey" Rowswell, lecturer and broadcaster.

Mrs. O. E. Snider

Mrs. O. E. Snider, wife of the manager of Blue Lake Packers, Inc., Salem, Ore., died April 22. Mr. Snider has been active in N.C.A. affairs for a number of years, and presently is a member of the Agricultural Policy Committee.

INSECTICIDES

Food and Drug Pesticide Tolerance Hearings

Following is a summary, prepared by Association Counsel and staff, of the proceedings at the FDA hearing on insecticide tolerances from April 24 through April 28, 1950.

The Insecticide Tolerance Hearings resumed on April 24 with testimony from a group of plant pathologists representing the American Phytopathological Society. The members of the group were drawn from various parts of the country and were able to present a diversified picture of the plant disease problems in the United States.

The first testimony was of an introductory nature and was given by Dr. G. L. McNew, Director of the Boyce Thompson Institute, and chairman of the Society's witnesses. He said that plant diseases are fully twice as severe today as they were 40 years ago and cause losses worth $1,500,000,000 a year. This increase is caused by the introduction of plants into strange environments lacking in natural plant pathogens, intensive cultivation and the breeding of standardized plant varieties. Cultural practices and the breeding of resistant varieties of plants are insufficient controls of these diseases; experience has shown successful control can only be obtained by the use of chemicals.

Dr. McNew introduced a comprehensive phytopathological exhibit which was the result of a nationwide survey of plant diseases and the chemicals used to control them. A partial summary of the information it contained was that brown spot is the major disease of stone fruit; peaches are attacked by scab, leaf curl and bacterial spot as well as by brown rot; cherries are attacked by brown rot and leaf spot; apricots by blight and brown rot. Pomaceous fruits such as apples are attacked by scab, black rot, bitter rot, cedar apple rust, apple blotch and fireblight; pears are attacked by fireblight, scab and pear leaf spot. Vine fruits such as grapes are attacked by black rot, downy mildew and powdery mildew. Of the small fruits, raspberries are attacked by anthracnose; strawberries by fruit rot and leaf spot. Citrus fruits are attacked by fruit mold, green mold, brown rot, dry root rot, scab and melanose. Various fruit vegetables are attacked by downy mildew, powdery mildew, anthracnose, leaf spot and scab. Tomatoes are attacked by leaf blight, early blight, late blight, anthracnose and septoria blight; peppers are attacked by leaf spot and eggplant by phomopsis blight. Leafy vegetables are attacked by early blight and late blight; brassicas by downy mildew, powdery mildew, leaf spot and white mold. The root and tuber crops are attacked by early blight and leaf blight; edible legumes by anthracnose, downy mildew and leaf spot.

Secondary plant and seed diseases of these fruits and vegetables were listed in the exhibit.

Dr. P. R. Miller, pathologist in charge of mycology and plant disease survey, Bureau of Plant Industry, USDA, introduced an exhibit showing estimates of loss due to plant diseases for the years 1917 through 1939.

Dr. S. E. A. McCallan, plant pathologist in charge of fungicide research at Boyce Thompson Institute, listed the chemicals used in combating plant diseases and gave annual consumption figures where available. The chemicals named were copper (30,000,000 pounds), dithiocarbamates (8,000,000 pounds), formaldehyde (2,000,000 pounds), mercury (300,000 pounds), phenols (2,000,000 pounds), sulfur (150,000,000 pounds), and zinc (2,000,000 pounds). He also named heterocyclic nitrogen, chromates and a few other miscellaneous chemicals for which he had no consumption figures.

The next phytopathology witness was Dr. R. S. Kirby, professor in charge of Plant Pathology Extension at Pennsylvania State College. He gave a detailed description of the performance of experiments to determine plant disease loss and the value of various spray schedules. The results of one apple disease control test showed 2.2 percent diseased in a fully sprayed orchard, 19.4 percent in an orchard which was only partially sprayed and 95 percent infection in an orchard which was not sprayed at all. Dr. Kirby said that many of the tests he performed were done in conjunction with canner representatives and that as a result of the tests and the adoption of recommended spray schedules, the canners told him that tomato production had increased by as much as 1½ times. He also introduced tests for the control of raspberry anthracnose which disclosed the following results: An unsprayed raspberry patch was tested and found to have an infection of 100 percent with an average anthracnose infection of 13.04 infections per cane. After spraying with lime sulfur, the infection was reduced to 2 percent with an average of .02 infections per cane.

Dr. James G. Horsfall, Director of the Connecticut Agricultural Experiment Station, gave a historical picture of fungicidal development beginning with sulfur, copper and lime and through the use of formaldehyde, organic mercury, fixed coppers and dithiocarbamates. He said that with the introduction of the dithiocarbamates in 1934, thinking changed from the use of coppers and sulfur to the organic materials and that there has since been intensive development of the latter group. This development has resulted largely through the use of the technique of spore germination in laboratory, greenhouse and field tests. Dr. Horsfall pointed out that because of the physiological differences between fungi and animal structure, a material which is toxic to one is rarely damaging to the other.

A highly valuable characteristic of some of these newer organic compounds is their specificity in controlling certain diseases which formerly were almost impossible to control. Ferbam is specific in control of apple rust and anthracnose; Ziram in control of tomato anthracnose and alternaria blight; Zineb in control of alternaria blight on potatoes and tomatoes; downy mildew and tomato late blight. Other specific controls named by Dr. Horsfall were chloranil for control of legume seed diseases, Crag 341-C for control of cherry leaf spot and Puratized Agricultural Spray for control of apple scab. There are still diseases such as wilt, virus, cercospora and sclerotiniose of celery, beans and tomatoes for which there is no specific control and for which further development of fungicidal control is necessary.

Dr. Henry W. Thurston, professor of plant pathology at Pennsylvania State College, testified that fungicides are necessary for successful plant production and that there is a continuous search for new materials in order to achieve a better balance between control and plant injury. Experience has shown that Pennsylvania orchards have a 75 percent to 100 percent apple scab infection if no fungicide sprays are used. Among the crops which cannot be successfully grown without the use of fungicides are sour cherries and potatoes. Glyoxalidine is one of the more effective of the new materials used to control cherry leaf spot and apple scab; the chromates have proved to be effective as potato disease fungicides.

Dr. Sproston, chief pathologist of Vermont Agricultural Experiment Station, gave testimony concerned primarily with apple scab and the fact that experience in Vermont has shown it can be controlled by proper use of fungicides. Proper use means application of fungicides whenever the climatic conditions are such as to be conducive of spore infection. He said that phygon was highly specific and effective in controlling apple scab in Vermont.

Dr. J. D. Wilson, plant pathologist at the Wooster, Ohio, Experiment Station, testified as to the need for and value of fungicides in plant production in Ohio. By using fungicides in tomato production over a four-year test period, an average gain per acre of 47 percent was obtained. Data based upon tests conducted in the eastern United States showed that fungi-

cides increased the average value of the tomato crop by $46 per acre. Tests using fermate and COC's dusts and sprays for the control of tomato anthracnose showed that dusts are more effective controls than sprays. Dr. Wilson also introduced evidence showing that Bordeaux mixtures have greater adhesive qualities than do fixed coppers and that pubescent leaves increase the adhesion rate of fungicides. During cross examination by N.C.A. Counsel, Dr. Wilson said that acceptable control of tomato anthracnose could require fungicidal application throughout the growing season.

Dr. Dwight Powell, assistant professor of plant pathology at the University of Illinois, said that repeated spray applications are required because of continued plant growth and consequent increase of surface area. New materials are not recommended for use by Illinois growers until they have been tested for at least five years. Eradicant sprays are recommended for use during the dormant stage of leaf spot, apple scab, peach leaf curl, anthracnose and other diseases. Such sprays reduce but do not eliminate the necessity for using sprays during the growing season.

Concerning specificity of control, Dr. Powell said that in Illinois the organic mercuries are highly effective controls of apple scab and that ferbam, Crag 341-C, CR 305, H 258-M, Phygon and Bioquin 1 are other organic materials which show promise as a control of this disease. Ferbam, Puratized Agricultural Spray and Bioquin 1 are much better controls of apple blotch than Bordeaux. The present use of organic insecticides has eliminated the use of some of the older fungicides because of incompatibility and it is hoped that the newer organic fungicides will not have this difficulty. The 1950 Illinois recommendations for tomato disease control include the use of fixed coppers, Ziram, Zineb and Nabam.

Dr. John Heuberger, head of the Department of Plant Pathology at the University of Delaware, reported on diseases which attack cucumbers, cantaloupes, tomatoes, potatoes, lima beans, apples and peaches, and the fungicidal materials which will control them.

Downy mildew on cucumbers can be more effectively controlled with copper fungicides than with the organic fungicides although the latter are better controls for anthracnose. Copper sprays will not control the anthracnose and nothing has been found which will control leaf spot on the cucumbers. The organic fungicides have caused substantial increases in yield in the absence of disease.

Organic fungicides are as effective as the copper sprays for controlling downy mildew and macrosporum leaf spot on cantaloupes and will also give increased yield with a higher quality of fruit.

Dr. Heuberger said that tomatoes are attacked by early blight, late blight, anthracnose and septoria blight and that unless these diseases are controlled there can be no satisfactory production. Tests show that all of these can be controlled with various materials of which Parzate and Dithane Z-78 are the most effective. Spraying produces a substantial increase in yield nd net profit to the grower.

Downy mildew attacked lima beans in Delaware in 1945 and from that date, studies have been conducted to determine how it can be controlled. As yet, no resistant varieties have been developed and the use of fungicides appears to be the only satisfactory control method.

It was also stated by Dr. Heuberger that late blight of potato, apple scab and other diseases on apples, and brown rot on peaches can only be controlled by the use of fungicides. Sulfur is the most effective material tested for the control of the latter two diseases and zinc-sulfate-lime for control of bacterial spot on peaches.

The final witness for the Society was Dr. McNew who returned to the witness stand to summarize the plant pathology testimony and to add some information of his own. He said that the results of tests of pea and spinach seed decay show that presence or absence of fertilizer has no effect upon seed decay although its presence does have a favorable effect upon the yield. The most favorable yield results are obtained by means of combined use of fungicides and fertilizer. He also pointed out the proved value of seed treatment of lima beans, corn, spinach, peas and other plants with such materials as Spergon, Semesan, Arasan and Phygon. Of particular interest in Dr. McNew's final testimony was his report upon the studies of mercury residues on apples conducted at the University of Missouri and at Purdue. The conclusions to be drawn from these tests are that early applications of mercury sprays leave no residues and late applications result in only negligible ones. The high rate of volatility and water soluble qualities of the material are thought to be the cause for this lack of residue.

In conclusion, Dr. McNew reiterated that fungicides increase the yield of plants as well as their quality and that a diversity of fungicidal materials with qualities of specificity are necessary to insure protection against plant diseases. Needs vary with different geographical regions and there must be an optional choice of materials to meet these varying needs and situations.

A. B. Lemmon, state chemist of California who testified in February, returned to give recently acquired information on copper residues on celery. Nine samples of untrimmed and unwashed celery which had been sprayed with copper had average copper residues of 50 ppm; 17 samples drawn from vegetable wholesale houses averaged 23 ppm. It was Lemmon's specific recommendation that a permissive copper residue tolerance on celery of 50 ppm be established by the FDA.

J. I. Rodale, editor of the *Organic Gardener and Farmer*, was the final witness of the week. He advised against permitting the use of any chemicals which might be poisonous and said that the disease and insect problems which beset fruit and vegetable growers could be solved by following his organic farming methods.

The hearings recessed until the next week at which time they were to resume with testimony by representatives of the chemical industry as to the necessity for use of insecticides.

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